

SEQUENCE LISTING

<110> Lobel, Leslie
Lustbader, Joyce

<120> EXPRESSION OF PROPERLY FOLDED AND SOLUBLE EXTRACELLULAR DOMAIN OF A GONADOTROPIN RECEPTOR

<130> 0575/62259/JPW/SHS

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<170> PatentIn version 3.0

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<212> DNA

<213> HOMO SAPIENS

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<211> 695

<212> PRT

<213> Homo Sapiens

<400> 8

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Gly	Cys	His	His	Arg	Ile	Cys	His	Cys	Ser	Asn	Arg	Val	Phe	Leu	Cys
			20					25					30		

Gln	Glu	Ser	Lys	Val	Thr	Glu	Ile	Pro	Ser	Asp	Leu	Pro	Arg	Asn	Ala
		35					40					45			

Ile Glu Leu Arg Phe Val Leu Thr Lys Leu Arg Val Ile Gln Lys Gly
 50 55 60
 Ala Phe Ser Gly Phe Gly Asp Leu Glu Lys Ile Glu Ile Ser Gln Asn
 65 70 75 80
 Asp Val Leu Glu Val Ile Glu Ala Asp Val Phe Ser Asn Leu Pro Lys
 85 90 95
 Leu His Glu Ile Arg Ile Glu Lys Ala Asn Asn Leu Leu Tyr Ile Thr
 100 105 110
 Pro Glu Ala Phe Gln Asn Leu Pro Asn Leu Gln Tyr Leu Leu Ile Ser
 115 120 125
 Asn Thr Gly Ile Lys His Leu Pro Asp Val His Lys Ile His Ser Leu
 130 135 140
 Gln Lys Val Leu Leu Asp Ile Gln Asp Asn Ile Asn Ile His Thr Ile
 145 150 155 160
 Glu Arg Asn Ser Phe Val Gly Leu Ser Phe Glu Ser Val Ile Leu Trp
 165 170 175
 Leu Asn Lys Asn Gly Ile Gln Glu Ile His Asn Cys Ala Phe Asn Gly
 180 185 190
 Thr Gln Leu Asp Ala Val Asn Leu Ser Asp Asn Asn Asn Leu Glu Glu
 195 200 205
 Leu Pro Asn Asp Val Phe His Gly Ala Ser Gly Pro Val Ile Leu Asp
 210 215 220
 Ile Ser Arg Thr Arg Ile His Ser Leu Pro Ser Tyr Gly Leu Glu Asn
 225 230 235 240
 Leu Lys Lys Leu Arg Ala Arg Ser Thr Tyr Asn Leu Lys Lys Leu Pro
 245 250 255
 Thr Leu Glu Lys Leu Val Ala Leu Met Glu Ala Ser Leu Thr Tyr Pro
 260 265 270

Ser His Cys Cys Ala Phe Ala Asn Trp Arg Arg Gln Ile Ser Glu Leu
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 His Pro Ile Cys Asn Lys Ser Ile Leu Arg Gln Glu Val Asp Tyr Met
 290 295 300
 Thr Gln Ala Arg Gly Gln Arg Ser Ser Leu Ala Glu Asp Asn Glu Ser
 305 310 315 320
 Ser Tyr Ser Arg Gly Phe Asp Met Thr Tyr Thr Glu Phe Asp Tyr Asp
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 Leu Cys Asn Glu Val Val Asp Val Thr Cys Ser Pro Lys Pro Asp Ala
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 Phe Asn Pro Cys Glu Asp Ile Met Gly Tyr Asn Ile Leu Arg Val Leu
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 Ile Trp Phe Ile Ser Ile Leu Ala Ile Thr Gly Asn Ile Ile Val Leu
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 Val Ile Leu Thr Thr Ser Gln Tyr Lys Leu Thr Val Pro Arg Phe Leu
 385 390 395 400
 Met Cys Asn Leu Ala Phe Ala Asp Leu Cys Ile Gly Ile Tyr Leu Leu
 405 410 415
 Leu Ile Ala Ser Val Asp Ile His Thr Lys Ser Gln Tyr His Asn Tyr
 420 425 430
 Ala Ile Asp Trp Gln Thr Gly Ala Gly Cys Asp Ala Ala Gly Phe Phe
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 Thr Val Phe Ala Ser Glu Leu Ser Val Tyr Thr Leu Thr Ala Ile Thr
 450 455 460
 Leu Glu Arg Trp His Thr Ile Thr His Ala Met Gln Leu Asp Cys Lys
 465 470 475 480
 Val Gln Leu Arg His Ala Ala Ser Val Met Val Met Gly Trp Ile Phe
 485 490 495
 Ala Phe Ala Ala Ala Leu Phe Pro Ile Phe Gly Ile Ser Ser Tyr Met

500	505	510
Lys Val Ser Ile Cys Leu Pro Met Asp Ile Asp Ser Pro Leu Ser Gln 515 520 525		
Leu Tyr Val Met Ser Leu Leu Val Leu Asn Val Leu Ala Phe Val Val 530 535 540		
Ile Cys Gly Cys Tyr Ile His Ile Tyr Leu Thr Val Arg Asn Pro Asn 545 550 555 560		
Ile Val Ser Ser Ser Ser Asp Thr Arg Ile Ala Lys Arg Met Ala Met 565 570 575		
Leu Ile Phe Thr Asp Phe Leu Cys Met Ala Pro Ile Ser Phe Phe Ala 580 585 590		
Ile Ser Ala Ser Leu Lys Val Pro Leu Ile Thr Val Ser Lys Ala Lys 595 600 605		
Ile Leu Leu Val Leu Phe His Pro Ile Asn Ser Cys Ala Asn Pro Phe 610 615 620		
Leu Tyr Ala Ile Phe Thr Lys Asn Phe Arg Arg Asp Phe Phe Ile Leu 625 630 635 640		
Leu Ser Lys Cys Gly Cys Tyr Glu Met Gln Ala Gln Ile Tyr Arg Thr 645 650 655		
Glu Thr Ser Ser Thr Val His Asn Thr His Pro Arg Asn Gly His Cys 660 665 670		
Ser Ser Ala Pro Arg Val Thr Ser Gly Ser Thr Tyr Ile Leu Val Pro 675 680 685		
Leu Ser His Leu Ala Gln Asn 690 695		